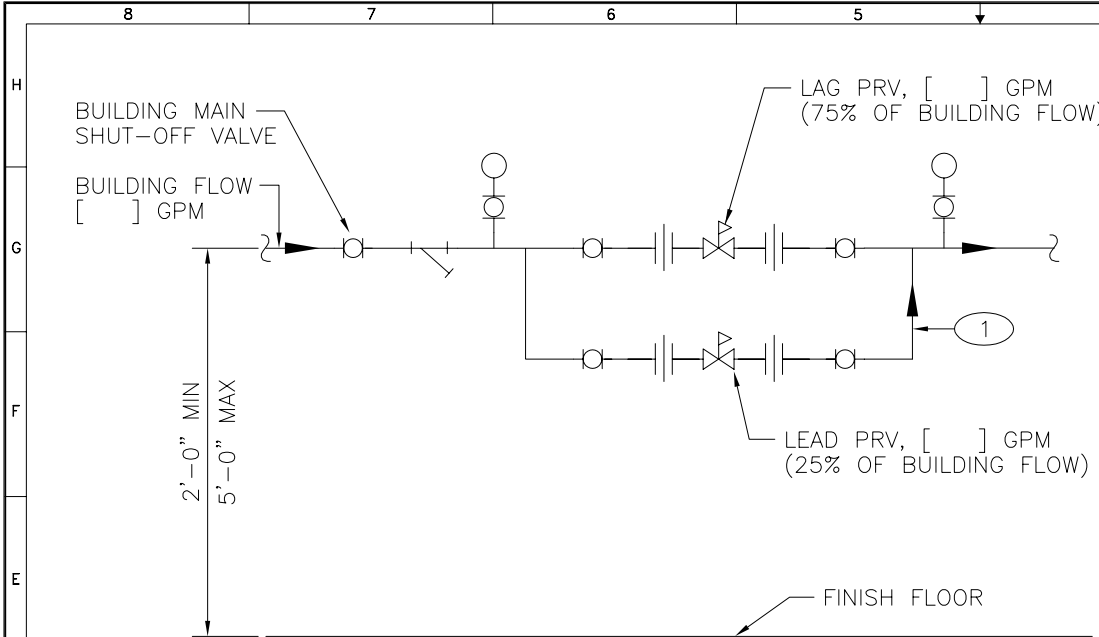


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**WATER PRV PIPING DETAIL**  
SCALE: NONE

PRESSURE REDUCING VALVE SIZE AND "CLA-VAL" MODEL NUMBER		
SYSTEM FLOW (GPM)	LEAD VALVE (25% OF BLDG FLOW)	LAG VALVE (75% OF BLDG FLOW)
25-100	1"-990	1 1/2"-990
101-200	1 1/2"-990	2"-90G-01AS
201-300	1 1/2"-90G-01AS	3"-90G-01AB
301-600	2"-90G-01AS	4"-90G-01AB

NOTE: DO NOT INCLUDE TABLE ON CONSTRUCTION DRAWINGS



NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 3.

KEYED NOTE:

- 1 STACK PRV'S VERTICALLY. PRV'S MAY BE INSTALLED SIDE-BY-SIDE PROVIDING A 12" MIN CLEARANCE IS MAINTAINED.

DRAWING DEVELOPED FOR ML-3/  
ML-4 PROJECTS. FOR ML-1/  
ML-2, ADDITIONAL REQUIREMENTS  
AND QA REVIEWS ARE REQUIRED.  
(REMOVE THIS NOTE WHEN IN-  
SERTED INTO A DRAWING PACK-  
AGE).

2	8-14-03	U	EDITORIAL CHANGES & DWG NO. WAS ST6122.	RP	RF	RR	GC	TO
1	9-6-02	U	GENERAL REVISION.	RP	JR	GG	GG	TO
NO	DATE	CLASS	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
 <b>FACILITY &amp; WASTE OPERATIONS</b>								
<b>DESIGN ENGINEERING CONSTRUCTION SERVICES</b>								
<b>ENGINEERING STANDARDS MANUAL</b>				DRAWN R.PEARSON				
				DESIGN R.FROST				
				CHECKED G.GREWAL				
WATER PRV PIPING DETAIL BUILDING SERVICE, 25-600 GPM				DATE 6-28-99				
BLDG X				TA-X				
SUBMITTED				APPROVED FOR RELEASE				
DISCIPLINE POC: GURINDER GREWAL				STANDARDS MANAGER: TOBIN ORUCH				
 <b>Los Alamos NATIONAL LABORATORY</b>				SHEET 1				
PO Box 1663 Los Alamos, New Mexico 87545				1 OF 3				
CLASSIFICATION U				REVIEWER LARRY BAYS				
PROJECT ID				DATE				
DRAWING NO				REV				
CHPATER 6				ST-D2020-2				
				2				